

Applic. Nò. 09/848,583
Amdt. dated August 9, 2007
Reply to Office action of May 9, 2007

Claim Amendments

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): A cutting device for trimming margins of products, comprising:

a first cutting station having a first cutting knife;

a second cutting station following said first cutting station in a transport direction and receiving the products from said first cutting station, said second cutting station having further cutting knives;

a transport device having a course of motion;

a first drive for driving said transport device;

a stroke device for moving said first cutting knife and said further cutting knives in a knife motion for performing the trimming of the margins; and

a second drive for driving said stroke device;

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said first drive and said second drive being embodied as separate, mutually independent drives, and both of said drives being connected to one another via a control system for setting the course of motion of said transport device to the knife motion as a function of product format.

Claim 2 (original). The cutting device according to claim 1, wherein the cutting device serves for trimming margins of joined-together sheets of paper.

Claim 3 (original). The cutting device according to claim 2, wherein the cutting device serves for trimming margins of stitched-together sheets of paper.

Claim 4 (original). The cutting device according to claim 1, wherein said control system includes a first and a second control unit, said first drive being linked to said first control unit, and said second drive being linked to said second control unit, and includes a connection linking said first control unit to said second control unit.

Claim 5 (cancelled).

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Claim 6 (original). The cutting device according to claim 4, wherein said first drive is connected by said first control unit and said second drive by said second control unit to a machine control unit.

Claim 7 (original). The cutting device according to claim 6, wherein said machine control unit has a human-machine interface.

Claim 8 (original). The cutting device according to claim 4, including respective position transducers connected to said first and said second control units and to said first and said second drives, respectively, so that a position regulation of a respective one of said first and said second drives is performable with at least one of said first and said second control units.

Claim 9 (original). The cutting device according to claim 8, wherein said first and said second drives are motors.

Claim 10 (previously presented): The cutting device according to claim 4, wherein said drives are motors, and wherein at least one of said control units for a respective one of said motors has a programmable logic controller.

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Claim 11 (withdrawn). A method for trimming margins of products using the cutting device according to claim 1, which comprises the following steps:

transporting the products to a first cutting station by a transport device having a first drive and a first control unit;

making a first cut with a knife secured to a stroke station that is movable by a second drive connected to a second control unit;

transporting the products to a second cutting station by a transport device having a first drive and a first control unit; and

making a second cut with a knife secured to a stroke station that is movable by a second drive connected to a second control unit;

wherein the first drive and the second drive being embodied as separate, mutually independent drives, and both of the drives being connected to one another via a control system for setting the course of motion of the transport device to the knife motion as a function of product format.

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Claims 12 and 13 (cancelled).

Claim 14 (new): The cutting device according to claim 1, wherein said first cutting knife is perpendicular to the transport direction and said further cutting knives are parallel to the transport direction.